Program Description/Textbook or Print Instructional Material

Vendor:__Delmar Learning__Web Address:__www.delmar.com_____

Title: ___Archetectural_Drafting and Design_____

Author: __Jefferis, Madsen_____ Copyright: __2001_____

ISBN: ___0-7668-1546-3____ Course/Content Area:_ Vocational and Career Education; Industrial
Technology; Computer Aided Drafting

Intended Grade or Level: _____9-12_____ Readability Level:__12.0 (Flesch Kincaid)_____

List Price: __111.95_____ Lowest Wholesale Price: ___82.75_____

All materials bid as of July 1, 2003 must be offered in an alternative format for students who require reading accommodations. A description of the levels of accommodation is included on p. 8-9 of this bid packet. The Kentucky Department of Education must receive a copy of the alternative format if the material is placed on the State Multiple List.

Level of Accomodations (Level One, Two or Three)_____ Level Three_____

FEATURES

DISCLAIMER: The features of each book or program were developed by the publisher and do not reflect the opinion of the State Review Team, State Textbook Commission, nor of the Kentucky Department of Education.

Content
- All-new, full-color photographs, CAD-generated drawings, detailed floor plans, plus architectural sketches and renderings designed to focus readers' attention on key architectural design principles.
- The latest information on the International Building Codes (IBC & IRC) and the Americans with Disabilities Act, including discussion of their impact on architectural design today.
- Expanded coverage of CADD and freehand sketching techniques that may be applied to solve real-world drafting and design problems presented in the book and also be used to develop critical skills.
- Discussion of NDS wood design standards to ensure use of current lumber standards when developing residential and commercial architectural designs.

Student Experiences
- "Try & Die" AutoCAD 2000 software, plus .dwg files of selected plans from the text (on CD-ROM at the back of the book), for actual practice using one of today's most popular drafting and design tools.

Assessment
Recognized by many as the authoritative source of how-to and reference information for students and beginning professionals, Architectural Drafting & Design, 4th Edition - available in full-color for the very first time - details step-by-step methods for the design and layout of each type of drawing required for a complete set of architectural plans. As they work through Architectural Drafting & Design, 4th Edition,

readers are challenged to think through and solve numerous design problems while adhering to the latest International Building Code; meeting requirements of the Americans with Disabilities Act; taking into account the latest NDS wood design standards; and considering the growing popularity of engineered lumber and steel construction.

Organization

- An expanded section on interior and exterior design aimed at providing readers with a better understanding of contemporary design practices while assisting them in plan preparation.
- More review questions and problems in every chapter than ever before to aid in mastery of important concepts while uncovering areas for further study.

Resource Materials

Gratis Items To Be Provided And Under What Conditions
Instructor's Manual (0-7668-2860-3) Free 1 per teacher

Available Ancillary Materials

RESEARCH DATA AND EVIDENCE OF EFFECTIVENESS

DISCLAIMER: The research data and evidence of effectiveness was provided by the publisher and does not reflect the opinion of the State Review Team, State Textbook Commission, nor the Kentucky Department of Education.

*NOTE: Please complete this section by indicating the research data and evidence of effectiveness or give a web site where the information is located. If there is no research data and evidence of effectiveness, please indicate **"not available"** in the space.*

Group V - Career/Technical Vocational/Practical Living Education Instructional Materials Evaluation Tool Technology Education

Title: Architectural Drafting and Design $82.75	
Publisher: Delmar Thomson Learning	
Item Evaluated: Text, Solutions Manual	
Copyright Date: 2001, 2004	**Evaluator:** Kay Turner
Content Level: 9-12	**Date of Evaluation** 7/30/03

Level of Alternative Format	Level 1 – Full Compliance	Level 2 – Provisional Compliance	Level 3 – Marginal Compliance
This section completed by Exceptional Children Services			

Overall Strengths and/or Weaknesses

Disclaimer: Comments on the strengths and/or weaknesses of each book, material or program were written by members of the State Textbook/Instructional Materials Review Team and reflect their opinions . They do not reflect the opinions of the State Textbook Commission nor the Kentucky Department of Education. In addition, the State Textbook/ Instructional Materials Review Team completed each evaluation form during the week of July 28-Aug. 1, 2003. In order to maintain the integrity of the of the review team's comments, editing was limited to spelling and punctuation.

Recommendations:
X Recommended by reviewers to State Textbook Commission
☐ Not recommended by reviewers to State Textbook Commission

Publisher's Explanation of Reviewer's Comments: By action of the State Textbook Commission, publishers are provided limited space, 150 words, to respond to what they may consider factual errors made by the reviewers in the evaluation.

Group V - Career/Technical
Vocational/Practical Living Education
Instructional Materials Evaluation Tool
Technology Education

Title: Architectural Drafting and Design	**Publisher** Delmar Thomson Learning

Technology Management Summary Data:	20 possible points	_____0__ points earned

Technology Management Comments:

Technology Presentation/Interface Summary Data:	40 possible points	_____0_____ points earned

Technology Presentation/Interface Comments:

Content Summary Data:	20 possible points	_____20_____ points earned

Content Comments:

Instruction & Management Summary Data	52 possible points	_____45_____points earned

Instruction & Management Comments:

Organization & Structure Summary Data	36 possible points	_____25_____ points earned

Organization & Structure Comments:

Resource Material Summary Data	40 possible points	_____17_____points earned

Resource Material Comments:

Group V - Career /Technical & Vocational/Practical Living
Electronic Instructional Media Review Form
Stand Alone/Independent or Integrated Software for Technology Education

Equipment (circle or change fill color)	Grade Level (circle or change fill color)	Audience (circle or change fill color)	Format (circle or change fill color)
Windows	Primary	Individual	Stand Alone/Independent
Macintosh	Intermediate	Small Group	Integrated
CD-ROM	Middle		Supplemental
DVD	High	Large Group	In lieu of basal test
Sound			
Other			

If other, explain
No software included

Cost _____

_____single copy	_____site license
_____network version	_____school version
____lab pack of ___ copies	_____online

Type of Software: Check all that apply	_____Simulation	_____Management	_____Interdisciplinary	_____Problem Solving	____Tutorial
	_____Exploratory	_____Creativity	_____Drill and Practice	_____Critical Thinking	_____Utility	___x__Other:

Rating Scale:	3—Some of the time	1—None of the time
4—All or the time	2—Minimally	0— Not applicable

Management	Rating
Allows customizing for individual learning needs.	
Allows students to exit and resume at a later time.	
Keeps a students performance record, where needed.	
Allows control of various aspects of the software (e.g., turning sound off).	
Allows for printed reports.	
Comments:	Total 0

Presentation/Interface	Rating
Presents material in an organized manner.	
Has consistent, easy-to-use, on-screen instructions.	
Has developmentally correct presentation format.	
Adapts to different learning environments (learning styles/multiple intelligences, etc.)	
Accessible for special needs students.	
Runs smoothly, without long delays.	
Presents easy-to-view text and graphics.	
Presents easy-to-hear and understand sounds.	
Avoids unnecessary screens, sounds, and graphics.	
Provides immediate, appropriate feedback.	
Comments:	Total 0

Content—Technology Education	Rating
Nature of Technology	4
Technology and Society	4
Design	4
Abilities for a Technological World	4
The Design World	4
Comments:	**Total** **20**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable

Instruction and Assessment	Rating
Identifies a Sense of Purpose	3
Builds on Student Ideals	3
Engages Students	4
Develops Technology Ideas	4
Promotes Student Thinking	4
Assesses Student Progress	4
Enhances The Learning Environment	4
Reading level is appropriate for interest and ability level of intended student group; level remains consistent throughout.	3
Commonwealth Accountability Testing System (CATS) "like" Assessment is provided	3
Variety of Assessments (diagnostic, formative, summative, open response, multiple choice, individual, small group, oral, demonstrations, presentations, self and peer performance, portfolio prompts) is included.	3
Includes activities and opportunities for integration of technology.	4
Reflects researched-based practices (e.g. hands-on activities, technology, problem-solving situations)	3
Differentiation techniques and activities suggested.	3
Comments:	**Total** **45**

Rating Scale:	3 – Some potential for learning	1 - Not present
4 – High potential for learning	2 – Little potential for learning	0 – Not applicable

Organization and Structure	Rating
Organization is logical and allows for spiraling of content.	3
Vocabulary and key terms are clearly defined and easily accessible within each lesson.	2
Visual illustrations (e.g. graphs, charts, models) and examples are clearly presented and content-related.	3
Illustrations and language reflect diversity (e.g. racial, ethnic, cultural, age, gender, disabilities).	2
Legible type, length of lines, spacing, and page layout and width of margins contribute to overall appearance and use.	2
Student materials seem durable and conducive to daily use.	3
Includes sufficient glossary, index and appendices.	3
Employs accurate grammar and spelling	4
Organization of material can be effectively used with Standards Based Units, Core Content and Program of Studies.	3
Comments:	**Total** **25**

Resource Materials	Rating
Teacher materials coordinate easily with student materials (e.g. additional resources included at point of need, student pages shown, integration of technology indicated)	3
Activities are included that adapt to the various learning styles, intelligences, and interest/ability levels.	3
Extension activities including adaptations and accommodations for students with special needs.	2
Resources provide objectives, background information, common student errors, hints, advice for lesson implementation and real-world connections, connections with career and/technology and references (e.g. solution manuals, study guides)	3
Suggestions are made for integration of themes and /or interdisciplinary instruction.	3
Integration opportunities suggested and examples given.	2
Teacher resources are available online.	1
Online resources available – Repeat of information in text.	0
Online resources available – Practice skills only.	0
Online resources available – New application materials.	0
Comments: Workbook and CD-ROM not included	**Total** **17**

Rating Scale:	2—Minimally
4—All or the time	1—None of the time
3—Some of the time	0— Not applicable